

04/29/2004
PWSANCM

SAFE DRINKING WATER INFORMATION SYSTEM
REPORT SELECTION CRITERIA
ANNUAL PWS COMPLIANCE REPORT

Page: 1
10:08:25

INVENTORY CRITERIA

State: VA

VIOLATION CRITERIA

Compliance period date range: 2003-01-01 to 2003-12-31

REPORT-SPECIFIC CRITERIA

Database: 2003 Calendar Year Frozen

Report sequence: EPA Region, State

Method of report production: BATCH

DB2 Subsystem: #D2P

Report file name: JMYQW04.RPTAC.APR04.VA

Systems matching criteria: 1,086

04/29/2004 10:08

SAFE DRINKING WATER INFORMATION SYSTEM
ANNUAL PWS COMPLIANCE REPORT

PAGE: 2

PWSANCM

VOLATILE ORGANIC CONTAMINANTS (VOC)

- EPA REGION: 03 STATE: VA

----- MCLs -----			----- Monitoring -----					
Contaminant-----			# of	# of RTC	# of PWSS	# of	# of RTC	# of PWSS
Code Name	MCL (mg/l)		Violations	Violations	In Violation	Violations	Violations	In Violation
2977 1,1-Dichloroethylene	0.007		0	0	0	19	4	14
2981 1,1,1-Trichloroethane	0.2		0	0	0	19	4	14
2985 1,1,2-Trichloroethane	.005		0	0	0	19	4	14
2980 1,2-Dichloroethane	0.005		0	0	0	19	4	14
2983 1,2-Dichloropropane	0.005		0	0	0	19	4	14
2378 1,2,4-Trichlorobenzene	.07		0	0	0	19	4	14
2990 Benzene	0.005		0	0	0	19	4	14
2982 Carbon tetrachloride	0.005		0	0	0	19	4	14
2380 cis-1,2-Dichloroethylene	0.07		0	0	0	19	4	14
2964 Dichloromethane; methylene chloride	0.005		0	0	0	19	4	14
2992 Ethylbenzene	0.7		0	0	0	19	4	14
2989 Monochlorobenzene; Chlorobenzene	0.1		0	0	0	19	4	14
2968 o-Dichlorobenzene	0.6		0	0	0	19	4	14
2969 p-Dichlorobenzene	0.075		0	0	0	19	4	14
2996 Styrene	0.1		0	0	0	19	4	14
2987 Tetrachloroethylene	0.005		2	0	2	19	4	14
2991 Toluene	1		0	0	0	19	4	14
2979 trans-1,2-Dichloroethylene	0.1		0	0	0	19	4	14
2984 Trichloroethylene	0.005		1	0	1	19	4	14

Database = Frozen (01/01/2003 - 12/31/2003)

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it's counted no more than once within the population being totaled. So, the sum of NUMBER OF PWS'S IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

04/29/2004 10:08

SAFE DRINKING WATER INFORMATION SYSTEM
ANNUAL PWS COMPLIANCE REPORT

PAGE: 3

PWSANCM

VOLATILE ORGANIC CONTAMINANTS (VOC)

- EPA REGION: 03 STATE: VA

Contaminant-----			----- MCLs -----			----- Monitoring -----		
Code	Name	MCL (mg/l)	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
2950	TTHM	0.10	5	5	4	0	0	0
2976	Vinyl chloride	0.002	0	0	0	20	4	15
2955	Xylenes, Total	10	0	0	0	19	4	14
VOC Totals			8	5	6	400	84	15

Database = Frozen (01/01/2003 - 12/31/2003)

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04/29/2004 10:08

SAFE DRINKING WATER INFORMATION SYSTEM
ANNUAL PWS COMPLIANCE REPORT

PAGE: 4

PWSANCM

SYNTHETIC ORGANIC CONTAMINANTS (SOC)

- EPA REGION: 03 STATE: VA

Contaminant-----			----- MCLs -----			----- Monitoring -----		
			# of	# of RTC	# of PWSs	# of	# of RTC	# of PWSs
Code	Name	MCL (mg/l)	Violations	Violations	In Violation	Violations	Violations	In Violation
2931	1,2-Dibromo-3-chloropropane; DBCP	0.0002	0	0	0	2	0	2
2105	2,4-D	0.07	0	0	0	2	0	2
2110	2,4,5-TP; Silvex	0.05	0	0	0	2	0	2
2051	Alachlor; Lasso	0.002	0	0	0	2	0	2
2050	Atrazine	0.003	0	0	0	2	0	2
2306	Benzo(a)pyrene	0.0002	0	0	0	2	0	2
2046	Carbofuran	0.04	0	0	0	2	0	2
2959	Chlordane	0.002	0	0	0	2	0	2
2031	Dalapon	0.2	0	0	0	2	0	2
2035	Di(2-ethylhexyl) adipate	0.4	0	0	0	2	0	2
2039	Di(2-ethylhexyl) phthalate	0.006	0	0	0	6	0	3
2041	Dinoseb	0.007	0	0	0	2	0	2
2005	Endrin	0.002	0	0	0	2	0	2
2946	Ethylene dibromide (EDB)	0.00005	0	0	0	2	0	2
2065	Heptachlor	0.0004	0	0	0	2	0	2
2067	Heptachlor epoxide	0.0002	0	0	0	2	0	2
2274	Hexachlorobenzene; HCB	0.001	0	0	0	2	0	2
2042	Hexachlorocyclopentadiene	0.05	0	0	0	2	0	2
2015	Methoxychlor	0.04	0	0	0	2	0	2

Database = Frozen (01/01/2003 - 12/31/2003)

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04/29/2004 10:08

SAFE DRINKING WATER INFORMATION SYSTEM
ANNUAL PWS COMPLIANCE REPORT

PAGE: 5

PWSANCM

SYNTHETIC ORGANIC CONTAMINANTS (SOC)

- EPA REGION: 03 STATE: VA

Contaminant-----			----- MCLs -----			----- Monitoring -----		
Code	Name	MCL (mg/l)	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
2036	Oxamyl; Vydate	0.2	0	0	0	2	0	2
2326	Pentachlorophenol	0.001	0	0	0	2	0	2
2040	Picloram	0.5	0	0	0	2	0	2
2037	Simazine	0.004	0	0	0	2	0	2
2383	Total Polychlorinated Biphenyls (PCB)	0.0005	0	0	0	2	0	2
2020	Toxaphene	0.003	0	0	0	2	0	2
SOC MCL and Monitoring Totals			0	0	0	54	0	3

Database = Frozen (01/01/2003 - 12/31/2003)

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04/29/2004 10:08

SAFE DRINKING WATER INFORMATION SYSTEM
ANNUAL PWS COMPLIANCE REPORT

PAGE: 6

PWSANCM

INORGANIC CONTAMINANTS (IOC)

- EPA REGION: 03 STATE: VA

Contaminant-----			----- MCLs -----			----- Monitoring -----		
Code	Name	MCL (mg/l)	# of Violations	# of RTC Violations	# of PWSS In Violation	# of Violations	# of RTC Violations	# of PWSS In Violation
1074	Antimony, Total	0.006	0	0	0	5	0	4
1005	Arsenic	0.05	0	0	0	5	0	4
1010	Barium	2	0	0	0	5	0	4
1075	Beryllium, Total	0.004	0	0	0	5	0	4
1015	Cadmium	0.005	0	0	0	5	0	4
1020	Chromium	0.1	0	0	0	5	0	4
1024	Cyanide	0.2	0	0	0	1	0	1
1025	Fluoride	4.0	144	0	51	5	0	3
1035	Mercury	0.002	0	0	0	5	0	4
1040	Nitrate	10(as Nitrogen)	1	0	1	10	0	9
1038	Nitrate-Nitrite	10(as Nitrogen)	4	0	2	7	0	7
1045	Selenium	0.05	0	0	0	5	0	4
1085	Thallium, Total	0.002	0	0	0	5	0	4
IOC Totals			149	0	54	68	0	18

Database = Frozen (01/01/2003 - 12/31/2003)

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04/29/2004 10:08

SAFE DRINKING WATER INFORMATION SYSTEM
ANNUAL PWS COMPLIANCE REPORT

PAGE: 7

PWSANCM

RADIONUCLIDE CONTAMINANTS (RAD)

- EPA REGION: 03 STATE: VA

Contaminant-----		----- MCLs -----			----- Monitoring -----		
Code Name	MCL (mg/l)	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
4010 Combined Radium (-226 & -228)	5 pCi/l	11	0	4	6	0	3
4000 Gross Alpha, Excl. Radon & U	15 pCi/l	0	0	0	4	0	2
RAD Totals		11	0	4	10	0	3

Database = Frozen (01/01/2003 - 12/31/2003)

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- EPA REGION: 03		STATE: VA			
Violation Type	Violation Name		# of Violations	# of RTC Violations	# of PWSs In Violation
21	MCL, Acute (Present)		24	3	21
22	MCL, Monthly (Present)		309	21	261
- 23, 25	Monitoring Routine & Repeat Major		1018	36	693

	----- MCLs -----			----- Monitoring -----		
	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
TCR Totals	333	24	272	1018	36	693

Database = Frozen (01/01/2003 - 12/31/2003)

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SURFACE WATER TREATMENT RULE (SWTR)

- EPA REGION: 03 STATE: VA

Violation Type	Violation Name	# of Violations	# of RTC Violations	# of PWSs In Violation
42	Treatment Technique, Unfiltered, Failure to Filter	14	3	13

	----- MCLs -----			----- Monitoring -----			----- Treatment Technique -----		
	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
SWTR Totals	0	0	0	0	0	0	14	3	13

Database = Frozen (01/01/2003 - 12/31/2003)

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LEAD AND COPPER RULE (LCR)

- EPA REGION: 03 STATE: VA

Violation Type	Violation Name	# of Violations	# of RTC Violations	# of PWSs In Violation
51	Monitoring, Initial Tap Sampling for Lead & Copper	20	11	20
52	Monitoring, Follow-up & Routine Tap Sampling for Lead & Copper	143	12	122
- 58	Treatment Installation/Demonstration (OCCT and/or SOWT)	30	2	30
65	Public Education	15	0	14

	----- Monitoring -----			----- Treatment Technique -----		
	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
LCR Totals	163	23	142	45	2	43

Database = Frozen (01/01/2003 - 12/31/2003)

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- EPA REGION: 03STATE: VA

Violation Type	Violation Name	# of Violations	# of RTC Violations	# of PWSs In Violation
71	CCR Complete Failure to Report	79	9	49

Database = Frozen (01/01/2003 - 12/31/2003)

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SAFE DRINKING WATER INFORMATION SYSTEM
ANNUAL PWS COMPLIANCE REPORT
STATE SUMMARY

- EPA REGION: 03		STATE: VA											
Rule Group	Chemical Sub-Group	----- MCLs -----			----- Monitoring -----			- Treatment Technique -			-Consumer Notification-		
		# of Viols	# RTC Viols	# PWSs In Viol	# of Viols	# RTC Viols	# PWSs In Viol	# of Viols	# RTC Viols	# PWSs In Viol	# of Viols	# RTC Viols	# PWSs In Viol
CHEM	VOC	8	5	6	400	84	15	---	---	---	---	---	---
	SOC	0	0	0	54	0	3	0	0	0	---	---	---
	IOC	149	0	54	68	0	18	---	---	---	---	---	---
	RAD	11	0	4	10	0	3	---	---	---	---	---	---
CHEM Sub Total		168	5	64	532	84	25	0	0	0	---	---	---
TCR Sub Total		333	24	272	1018	36	693	---	---	---	---	---	---
SWTR Sub Total		0	0	0	0	0	0	14	3	13	---	---	---
LCR Sub Total		---	---	---	163	23	142	45	2	43	---	---	---
Consumer Notif CCR		---	---	---	---	---	---	---	---	---	79	9	49
Grand Total		501	29	328	1713	143	820	59	5	56	79	9	49
- Grand Total # Violations (MCL, Monitoring, Treatment Technique, & Consumer Notification):												2352	
Grand Total # of PWSs in Violation (MCL, Monitoring, Treatment Technique, & Consumer Notification):												1086	

Database = Frozen (01/01/2003 - 12/31/2003)

Note: Although a PWS may be out of compliance with more than one contaminant group or rule, when calculating totals, it's counted no more than once within the population being totaled. So, the sum of NUMBER OF PWS'S IN VIOLATION, over the various contaminant groups or rules, may not add up to the total.

Violation Category	PWSID	Name	Type	Source Type	Pop	Violation	Code	Compliance Pd. Begin	Compliance Pd. End	Violation Pd Begin	Violation Pd. End
IESWTR TT	VA2003525	NORTH RIVANNA WTP	C	SW	25	43	0300	5/1/2003	5/31/2003		
IESWTR TT	VA3550051	CITY OF CHESAPEAKE - NORTHWEST RIVER SYS	C	SW	97823	44	0300	12/1/2002	12/31/2002		
DBPR M/R	VA1750100	RADFORD, CITY OF	C	SW	15859	27 MJ	2920	5/1/2003	5/31/2003		
DBPR M/R	VA3670800	VIRGINIA-AMERICAN WATER CO	C	SW	25000	27 MJ	2920	11/1/2002	11/30/2002		
DBPR TT	VA6179100	SMITH LAKE	C	SW	48547	46	2920	10/1/2002	12/31/2002		
PN	VA1155050	BELLAVISTA ESTATES	C	GW	45	71	7000			7/1/2002	12/31/2009
PN	VA1155700	RIVERBEND SUBDIVISION	C	GW	72	71	7000			7/1/2002	12/31/2009